AMENDMENTS TO THE CLAIMS

1. (Cancelled)

2. (Currently Amended) A wiring apparatus according to claim ~~1~~ 6, wherein said control means controls the operation of said moving mechanism in accordance with a wiring pattern for laying said wire conductor on said substrate.

3. (Currently Amended) A wiring apparatus according to claim ~~1~~ 6, wherein said wiring head has a nozzle for guiding said wire conductor, and when said wiring head is in said close position, a tip of said nozzle is positioned close to said adhesive layer, formed on the surface of said substrate, for point contact therewith.

4. (Currently Amended) A wiring apparatus according to claim ~~1~~ 6, wherein said wiring head has a nozzle formed with a nozzle hole for guiding said wire conductor, said nozzle hole extending parallel to the direction of reciprocation of said wiring head.

5. (Currently Amended) A wiring apparatus according to claim ~~1~~ 6, wherein said moving mechanism includes a first table arranged for reciprocal motion relative to said supporting mechanism, and a second table for supporting said wiring head, said second table being arranged for reciprocal motion in a direction perpendicular to an axis along which said first table is reciprocated.

6. (Currently Amended) A wiring apparatus, comprising:

a supporting mechanism for supporting a substrate having a surface thereof provided with an adhesive layer;

a wiring head for guiding a wire conductor, said wiring head being arranged for reciprocal motion between a close position in which said wiring head can be in point contact with said adhesive layer formed on the surface of the substrate and a distant position in which said wiring head is most distant from the adhesive layer;

a moving mechanism for causing a relative translational motion between said wiring head and said substrate such that said wiring head relatively moves along the surface of the substrate; and

control means for controlling an operation of said moving mechanism~~A wiring apparatus according to claim 1~~,

wherein said wiring head includes a supporting portion mounted to said moving mechanism, a shaft portion supported for reciprocal motion by said supporting portion, a nozzle for guiding said wire conductor, said nozzle being attached to said shaft portion on a side thereof facing the surface of the substrate, an eccentric cam rotatably supported by said supporting portion, and a cam follower attached to said shaft portion on a side thereof remote from the surface of the substrate and disposed in contact with a cam face of said eccentric cam.

7. (Original) A wiring apparatus according to claim 6, wherein a plurality of nozzles are detachably attached to said shaft portion of said wiring head.

8. (Currently Amended) A wiring apparatus, comprising:

a supporting mechanism for supporting a substrate having a surface thereof provided with an adhesive layer;

a wiring head for guiding a wire conductor, said wiring head being arranged for reciprocal motion between a close position in which said wiring head can be in point contact with said adhesive layer formed on the surface of the substrate and a distant position in which said wiring head is most distant from the adhesive layer;

a moving mechanism for causing a relative translational motion between said wiring head and said substrate such that said wiring head relatively moves along the surface of the substrate; and

control means for controlling an operation of said moving mechanism~~A wiring apparatus according to claim 1~~,

wherein said wiring head includes a head body mounted to said moving mechanism, a nozzle for guiding said wire conductor, said nozzle being supported by said head body for reciprocal motion and for point contact with said adhesive layer formed on the surface of said substrate, a pressing member supported by said head body for reciprocal motion and for point contact with said adhesive layer, first and second permanent magnets attached to said nozzle and said pressing member, respectively, and having different directions of magnetism, and an electromagnet attached to said head body for electromagnetic interaction with said first and second permanent magnets.